

Recombinant Murine MIP-1 α

CATALOG #:	4245-10	10 μ g
	4245-50	50 μ g
	4245-1000	1 mg
SOURCE:	<i>E. coli</i>	
PURITY:	> 97 % by SDS-PAGE and HPLC analyses. Endotoxin level is <0.01 ng per μ g of MIP-1 α .	
MOL. WEIGHT:	7.8 kDa	
FORM:	Sterile filtered and then lyophilized with no additives	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 mg/ml. This solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized murine MIP-1 α is best-stored desiccated below 0°C. Reconstituted murine MIP-1 α should be stored in working aliquots at -20°C.

DESCRIPTION:

Murine macrophage inflammatory protein-1 α (MIP-1 α) is a 7.8 kDa protein containing 69 amino acid residues. It is part of the CC chemokine family and plays an important role in the inflammatory response of blood monocytes and tissue microphages.

BIOLOGICAL ACTIVITY:

The activity was calculated by the ability to chemoattract Balb/c splenocytes at 1-10 ng/ml.

AMINO ACID SEQUENCE:

APYGADTPTA CCFYSYRKIP RQFIVDYFET SSLCSQPGVI FLTKRNRQIC ADSKETWWQE
YITDLELNA

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